HYBRID CHEMICAL TECHNOLOGIES

EOR POLYACRYLAMIDE

HARO-2518

HARO-2518 is a synthetic, high molecular weight anionic partially hydrolyzed polyacrylamide (HPAM), supplied in a fine powder form. It is completely miscible in fresh water or brine, allowing the use of recycled or produced waters that achieve high, stable viscosity for Enhanced Oil Recovery (EOR) operations.

APPLICATION

HARO-2518 is typically dosed between 1000 and 10,000ppm, depending on desired viscosity. Lab testing should be conducted with injection water to determine optimal concentrations.

PROPERTIES

Appearance	Granular fine white powder
Charge Density	20-35%
Molecular Weight	18-19 million Da
Bulk Density	0.70-0.85 g/cm^3
Particle Size	95% < 250µm
pH	5-7 (0.5% Solution at 20°C)
Insoluble Content	0.2% (Max)

HANDLING & STORAGE

The HARO-2518 should be stored at temperatures of 0-35°C and can be stored for up to 24 months. The HARO-2518 exhibits a low level of corrosion towards most standard materials, although aluminum and galvanized surfaces should be avoided. Stainless steel, glass fiber, polyethylene and epoxy coated surfaces are recommended. Spilled products are slippery when wet, refer to the Safety Data Sheet (SDS) for detailed handling information.